

1 Q. **Reference: IOC-NLH-008; IOC-NLH-010, Table 1; IOC-NLH-012; CA-NLH-008, Tables 1 and 2; Vol.**
2 **I, Schedule F 3.1E, I. 2 (PDF p. 297); Vol. I, Schedule A-II (PDF p. 212).**

3 Preamble:

4 IOC-NLH-010 derives the Labrador Industrial transmission coincident peak for the 2027 Test Year
5 by applying a coincidence factor of 94.13% to 317,000 kW to derive 298,387 kW, compared with
6 255,000 kW $\times$ 90.00% = 229,500 kW for the 2019 Test Year. IOC-NLH-008 identifies the increase
7 in the coincidence factor from 90% to 94% as a secondary driver of the higher class allocation
8 factor and refers to IOC-NLH-012 for the coincidence factor calculations; IOC-NLH-012 refers to
9 IOC-NLH-010, which presents the calculation steps but not the derivation of the 94.13% value.
10 CA-NLH-008, Table 2 reports actual winter coincidence factors for the Labrador Industrial class
11 of 90.6%, 89.7% and 89.9% for 2023, 2024 and 2025.

12 Provide the coincidence factor(s) and the peak-month demand basis applied to each Rural
13 Labrador Interconnected rate class in the 2019 and 2027 Test Year studies, and confirm that the
14 same conventions were applied to all Labrador Interconnected classes within each study, and
15 provide the resulting transmission coincident peak (kW) for each class in each study.

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18 A. Newfoundland and Labrador Hydro applies a Rural coincident factor to its Labrador Rural loads
19 (non-industrial loads). The coincident factor for Labrador Rural Loads in the 2019 Test Year was
20 87.9% for Labrador West, and 87.7% for Labrador East. The coincident factor for Labrador Rural
21 Loads (both Labrador East and Labrador West) in the 2027 Test Year was 91%. The peak month
22 in both test years was January. Each rate class within the total Rural class is treated the same.

23 Please refer to Table 1 for the resulting coincident peak (kW) for each of the test years.

Table 1: Coincident Peak Loads

	2019 Test Year		2027 Test Year	
	Lab East	Lab West	Lab East	Lab West
Forecasted Total Load (kW)	88.7	82.5	82.9	86.0
Coincident Factor (%)	87.9	87.7	91.0	91.0
Load at Coincident (kW)	78.0	72.4	75.4	78.3